

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

Claims 1 – 9 (cancelled)

Claim 10 (new) A semi-cylindrical type parachute, comprising:

- a. A canopy assembly, said canopy assembly comprising a plurality of canopy segments, wherein each canopy segment is comprised of two congruent isosceles trapezoidal gores each having a first and second bases parallel and opposite to each other, said first base longer than said second base, and two opposing and nonparallel longitudinal sides tapering linearly from the first base to the second base, the two gores are conjoined along their respective first bases forming an extended hexagonally-shaped canopy segment with a centerline span formed by the joined first bases and with parallel opposite front and rear edges formed by the second bases of the two gores, wherein the plurality of canopy segments are aligned laterally with collinearly aligned centerline spans and conjoined along the longitudinal edges of adjacent gores, forming a single-layer canopy having two lateral ends formed by the free longitudinal sides of the first and last canopy segment, and a front and a rear edges formed by the aligned second bases of the gores;
- b. Two end panels, said end panels having an arcuate upper edge and a bottom edge, wherein one of each end panel is conjoined by said upper edge to either lateral end of said canopy assembly;

c. A plurality of suspension lines each having a first and a second end, wherein said first ends of a suspension lines are disposed on said front and rear edges of said canopy assembly; and

d. A pair of suspension risers, wherein said second ends of said suspension lines are conjoined with said suspension risers.

Claim 11 (new) The parachute of Claim 10, wherein said canopy assembly has an aspect ratio substantially equal to 2.

Claim 12 (new) The parachute of Claim 10, wherein the shape of said arcuate upper edges of said two end panels are semi-circular.

Claim 13 (new) The parachute of Claim 10, wherein said canopy assembly has a rectangular horizontal profile.

Claim 14 (new) The parachute of Claim 10, wherein said two trapezoidal gores comprising each of said canopy segments are of the same dimensions.

Claim 15 (new) The parachute of Claim 10, wherein the first end of each suspension line is disposed on the front and rear edge of the canopy assembly at a seam between the longitudinal edges of two adjacent canopy segments and at the seam between each end panel and the adjacent canopy segment.

Claim 16 (new). The parachute of Claim 10, wherein the number of said canopy segments comprising said canopy assembly is seven.